

(LLOYDS REGISTER.)

G. R. 130  
Lloyds Register.

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyds Register of British and Foreign Shipping.

Signal Letters (if any) J. P. G. R.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
137548	"Helium"	20-1917 Liverpool
No., Date, and Port of Previous Registry (if any). <u>New vessel</u>		
Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.
British	Steamship Single Screw	Selby
When Built.		Name and Address of Builders.
1917		Messrs. Cochrane & Sons Ltd. Selby.
Number of Decks	... One	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ...
Number of Masts	... Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ...
Rigged	... Yawl	Main breadth to outside of plank ...
Stern	... Elliptical	Depth in hold from tonnage deck to ceiling at midships ...
Build	... Clincher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ...
Galleries	...	Depth from top of beam amidships to top of keel ...
Head	...	Depth from top of deck at side amidships to bottom of keel ...
Framework and description of vessel	Steel, cargo vessel	Round of beam ...
Number of Bulkheads	... Three	Length of engine room, if any ...
Number of water ballast tanks, and their capacity in tons	One, fore Peak, 30 tons	

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... 453 Tons.  
Ditto per inch immersion at same depth ... 5.8 Tons.

PARTICULARS OF PROPELLING ENGINES, &c. (if any).

No. of sets of Engines.	Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines.	Rotary Engines.	N. H. P. I. H. P. Speed of Ship.
One	Reciprocating triple expansion direct acting vertical	Engines.	Engines.	Engines.	No. and Diameter of Cylinders in each set.	Length of Stroke.	No. of Cylinders in each set.
One	Particulars of Boilers. <u>Masine multibular horizontal single</u>	Boilers.	Boilers.	Boilers.			
One	Description of Boilers. <u>Iron or Steel</u>						
	Loaded Pressure <u>185 lbs.</u>	British	1917	The Shields Engineering & Dry Dock Co. Ltd. North Shields Palmer's Shipbuilding & Iron Co. Ltd. Hebburn-on-Tyne	Three 12" 20" 34"	24"	69.3 450 9.25

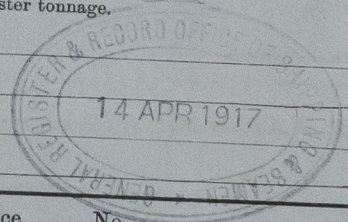
PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck	...	205.78	On account of space required for propelling power		137.01
Space or spaces between Decks	...		On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew		
Turret or Trunk	...		These spaces are the following, viz.:-		
Forecastle	...	13.56	Forecastle Bridge & Round House		25.09
Bridge space	...	11.64			
Peep or Break	...	35.83			
Side Houses	...	4.74			
Deck Houses	...	4.03			
Chart House	...				
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	...		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-		
Excess of Hatchways	...	25.28	Cubic Metres		
Gross Tonnage	...	300.89	Master's Accommodation	3.40	
Deductions, as per Contra	...	100.14	Basin's Store	5.50	
Registered Tonnage	...	112.75	Chart Space	4.03	
			Water Ballast Spaces	12.31	
			Total		25.24
					100.14

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 83.13 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 20.93 tons.

NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

Nil



Name of Master

Certificate of { Service No.  
Competency No.

No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.

The United Alkali Company Limited, of Cunard Buildings, Liverpool. Sixty-four shares.  
Daniel Downey, of Cunard Buildings, Liverpool. designated manager.

Dated 5th April, 1917.